



# 2001 Toxics Release Inventory

## KANSAS

### Reported Releases and Other Waste Management Activities (in pounds)

	Total
On-site Releases	24,859,255
Air Emissions	14,768,804
Surface Water Discharges	1,149,296
Underground Injection Class I Wells	558,721
Underground Injection Class II-V Wells	500
On-site Land Releases to RCRA Subtitle C Landfills	0
Other On-site Land Releases	8,381,934
Off-site Releases (Transfers Off-site to Disposal)*	6,807,335
<b>Total On- and Off-site Releases</b>	<b>31,666,590</b>
Recycled On-site	64,249,515
Recycled Off-site	30,853,868
Energy Recovery On-site	31,460,150
Energy Recovery Off-site	4,798,455
Treated On-site	34,519,541
Treated Off-site**	43,288,598
Quantity Released On- and Off-site***	31,315,170
<b>Total Production-related Waste Managed</b>	<b>240,485,297</b>
<b>Non-production-related Waste Managed</b>	<b>129,439</b>
<b>Transfers Off-site for Further Waste Management, including Disposal</b>	
Recycling	31,809,445
Energy Recovery	4,675,837
Treatment	514,531
Publicly Owned Treatment Works (POTWs)	43,251,679
Metals and Metal Category Compounds*	17,747
Non-metal TRI Chemicals**	43,233,932
Other Off-site Transfers****	0
Transfers Off-site to Disposal (not including metals to POTWs)	7,026,089
<b>Total Transfers Off-site for Further Waste Management, including Disposal</b>	<b>87,277,581</b>

\* Transfers to POTWs of metals and metal category compounds are included in off-site releases. Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site.

\*\* Transfers to POTWs of non-metals are included in treated off-site waste management activity.

\*\*\* Excludes non-production-related releases; e.g. releases due to catastrophic events or remedial actions.

\*\*\*\* Transfers reported without a valid waste management code.

### For More Information . . .

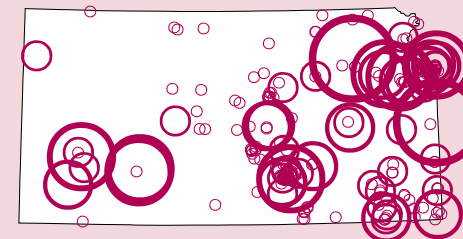
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To obtain TRI data use  
assistance, call TRI User  
Support Service (TRI-US):  
(202) 566-0250  
tri.us@epa.gov



The largest circle in the state map represents the largest facility for on-site releases in the state of Kansas. All circles are proportionally-sized to represent the on-site releases at each facility within this state.

#### State/TRI Data

Population	2,702,125
Square Miles	81,823
Total Facilities	302
Total Forms	1,151
Form As	136

	Total
<b>National Rank for Total On- and Off-site Releases*</b>	
Rank	36
Pounds	31,666,590
<b>National Rank for Total On-site Releases**</b>	
Rank	36
Pounds	24,859,255
<b>National Rank for Total Releases within State***</b>	
Rank	37
Pounds	26,133,737
<b>National Rank for Production-related Waste Managed</b>	
Rank	30
Pounds	240,485,297

\* Includes transfers out-of-state for disposal. Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site.

\*\* Includes amounts released at the facility. Excludes amounts transferred to other sites.

\*\*\* Excludes transfers for disposal sent out-of-state or sent to other TRI facilities within the state reporting that amount released on-site.



# 2001 Toxics Release Inventory

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### On-site and Off-site Releases for Top Five Chemicals Ranked on Total Releases in the State (All Chemicals)

CAS Number	Chemical	On-site Releases				Off-site Releases	Total Releases in the State**	Off-site Transfers to Disposal		
		Air Emissions Pounds	Surface Water Discharges Pounds	Underground Injection Pounds	On-site Releases to Land Pounds	Transfers Off-site to Disposal* Pounds		Transferred Into State Pounds	Transferred Within State Pounds	Transferred Out of State Pounds
—	Barium compounds	67,681	1,100	0	5,107,594	1,385	5,177,760	2,317	1,080	305
—	Nitrate compounds	495	1,091,241	32,826	383,604	2,380,464	3,888,630	0	7,323	2,373,141
7664-41-7	Ammonia	3,285,064	36,461	22,555	270,459	42,129	3,656,668	0	42,113	16
75-15-0	Carbon disulfide	1,365,584	15,366	0	0	0	1,380,950	0	0	0
108-88-3	Toluene	928,535	510	0	41	397,099	1,326,185	392	222	396,877

### On-site and Off-site Releases for PBT Chemicals Ranked on Total Releases in the State

CAS Number	Chemical	On-site Releases				Off-site Releases	Total Releases in the State**	Off-site Transfers to Disposal		
		Air Emissions Pounds	Surface Water Discharges Pounds	Underground Injection Pounds	On-site Releases to Land Pounds	Transfers Off-site to Disposal* Pounds		Transferred Into State Pounds	Transferred Within State Pounds	Transferred Out of State Pounds
—	Lead compounds	15,441.61	28.98	0.00	77,589.50	28,982.97	122,043.06	15,559.50	21,948.00	7,034.96
7439-92-1	Lead	16,475.26	0.00	0.00	35,079.00	18,230.16	69,784.42	45,855.90	385.16	17,845.00
1336-36-3	Polychlorinated biphenyls (PCBs)	146.00	0.28	0.00	0.00	46,608.24	46,754.52	0.00	0.00	46,608.24
1582-09-8	Trifluralin	780.00	0.00	0.00	8,800.00	0.00	9,580.00	0.00	0.00	0.00
—	Mercury compounds	1,993.60	0.70	0.00	172.50	46.38	2,213.18	124.90	10.00	36.38
191-24-2	Benzo(g,h,i)perylene	1,758.20	7.50	0.00	236.50	2.30	2,004.50	5,031.06	2.30	0.00
7439-97-6	Mercury	123.84	0.00	0.00	126.00	394.50	644.34	3.75	0.00	394.50
—	Polycyclic aromatic compounds	76.97	12.90	0.00	91.30	117.69	298.86	10,278.80	117.69	0.00
79-94-7	Tetrabromobisphenol A	0.00	0.00	0.00	0.00	188.25	188.25	0.00	0.00	188.25
118-74-1	Hexachlorobenzene	0.00	0.00	20.00	0.00	0.00	20.00	0.00	0.00	0.00
72-43-5	Methoxychlor	0.00	0.00	0.00	0.00	0.40	0.40	0.00	0.00	0.40
—	Dioxin and dioxin-like compounds	0.09	0.00	0.14	0.00	0.00	0.23	0.00	0.00	0.00
—	<i>Dioxin and dioxin-like compounds (in grams)</i>	<i>41.008</i>	<i>0.000</i>	<i>63.751</i>	<i>1.540</i>	<i>0.000</i>	<i>106.299</i>	<i>0.000</i>	<i>0.000</i>	<i>0.000</i>
309-00-2	Aldrin	—***	—	—	—	—	—	—	—	—
57-74-9	Chlordane	—***	—	—	—	—	—	—	—	—
76-44-8	Heptachlor	—***	—	—	—	—	—	—	—	—
465-73-6	Isodrin	—***	—	—	—	—	—	—	—	—
29082-74-4	Octachlorostyrene	—***	—	—	—	—	—	—	—	—
40487-42-1	Pendimethalin	—***	—	—	—	—	—	—	—	—
608-93-5	Pentachlorobenzene	—***	—	—	—	—	—	—	—	—
8001-35-2	Toxaphene	—***	—	—	—	—	—	—	—	—

\* Excludes amounts transferred to other TRI facilities in the state reporting that amount released on-site.

\*\*\* No reports were submitted for these chemicals.

\*\* The chemical ranking is based on the amounts in this column.



# 2001 Toxics Release Inventory

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### On-site and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (All Chemicals)

Facility, City, County	On-site Releases						Total On-site Releases* Pounds	Off-site Releases	
	Underground Injection				On-site Releases to Land			(Transfers Off-site to Disposal)	
	Air Emissions Pounds	Surface Water Discharges Pounds	Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds		Transferred Within State Pounds	Transferred Out of State Pounds
Jeffrey Energy Center, Saint Marys, Pottawatomie	249,966	570	0	0	0	2,001,493	2,252,029	0	0
La Cygne, La Cygne, Linn	277,465	5	0	0	0	1,887,655	2,165,125	10	0
UCB Films Inc., Tecumseh, Shawnee	1,184,671	22,566	0	0	0	1,000	1,208,237	0	0
Farmland Inds. Inc. Dodge City Nitrogen Plant, Dodge City, Ford	1,189,120	0	2,130	0	0	1,200	1,192,450	0	0
Excel Corp., Dodge City, Ford	23,008	758,773	0	0	0	383,569	1,165,350	6,622	2,207
Holcomb Unit 1, Holcomb, Finney	142,678	0	0	0	0	945,564	1,088,242	0	0
Lawrence Energy Center, Lawrence, Douglas	68,759	670	0	0	0	904,963	974,392	0	0
GM MLCG Fairfax Assembly, Kansas City, Wyandotte	858,743	304	0	0	0	0	859,047	475	9,010
Boeing Co. Wichita Div., Wichita, Sedgwick	839,406	272	0	0	0	0	839,677	20,775	105,963
Griffin Wheel Co. Kansas City Plant, Kansas City, Wyandotte	15,320	0	0	0	0	698,266	713,586	1,343	52,446

### On-site and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (PBT Chemicals)

Facility, City, County	On-site Releases						Total On-site Releases* Pounds	Off-site Releases (Transfers Off-site to Disposal)	
	Underground Injection				On-site Releases to Land			Transferred Within State Pounds	Transferred Out of State Pounds
	Air Emissions Pounds	Surface Water Discharges Pounds	Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds			
U.S. Army Fort Riley Range Facility, Fort Riley, Geary	187.00	0.00	0.00	0.00	0.00	31,743.00	31,930.00	0.00	0.00
Lafarge Midwest Inc. (Incld Systech Environmental), Fredonia, Wilson	198.00	0.00	0.00	0.00	0.00	29,265.00	29,463.01	0.00	25.70
Ash Grove Cement Co., Chanute, Neosho	4,489.00	0.00	0.00	0.00	0.00	10,486.00	14,975.00	1,402.00	15.00
Heartland Cement Co., Independence, Montgomery	12,801.00	0.00	0.00	0.00	0.00	0.00	12,801.00	0.00	0.00
Jeffrey Energy Center, Saint Marys, Pottawatomie	1,751.91	0.10	0.00	0.00	0.00	10,392.90	12,144.91	0.30	0.00
Holcomb Unit 1, Holcomb, Finney	272.00	0.00	0.00	0.00	0.00	10,108.00	10,380.00	0.00	0.00
Lawrence Energy Center, Lawrence, Douglas	349.30	0.00	0.00	0.00	0.00	9,962.90	10,312.20	0.00	0.00
IBP Finney Co. Wastewater Treatment, Holcomb, Finney	780.00	0.00	0.00	0.00	0.00	8,800.00	9,580.00	0.00	0.00
Riverton Generating Station, Riverton, Cherokee	2,361.00	3.00	0.00	0.00	0.00	2,069.00	4,433.00	0.00	0.00
Tecumseh Energy Center, Tecumseh, Shawnee	166.50	0.20	0.00	0.00	0.00	4,258.20	4,424.90	0.00	0.00

\* The facility ranking is based on the amounts in this column; these quantities exclude transfers out of state.



# 2001 Toxics Release Inventory

## KANSAS

### Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (All Chemicals)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site* Pounds	Total Production- related Waste Managed Pounds	Total Non- Production- related Waste Managed Pounds
Jayhawk Fine Chemicals Corp., Galena, Cherokee	0	0	0	1,981,391	14,943,795	40,755,547	5,247,857	62,928,590	0
Jeffrey Energy Center, Saint Marys, Pottawatomie	0	0	0	0	997,000	0	2,235,145	3,232,145	0
La Cygne, La Cygne, Linn	0	0	0	0	887,000	6	2,234,420	3,121,426	0
UCB Films Inc., Tecumseh, Shawnee	8,043,973	0	0	10,009	149,500	0	1,208,737	9,412,219	0
Farmland Inds. Inc. Dodge City Nitrogen Plant, Dodge City, Ford	300,000	23,300	15,000	0	10,100	0	1,207,860	1,556,260	19,000
Excel Corp., Dodge City, Ford	0	0	0	0	8,732,480	0	1,174,179	9,906,659	0
Holcomb Unit 1, Holcomb, Finney	0	0	0	0	0	0	1,088,242	1,088,242	0
Lawrence Energy Center, Lawrence, Douglas	0	0	0	0	380,000	0	980,312	1,360,312	0
Boeing Co. Wichita Div., Wichita, Sedgwick	0	6,685,627	0	424,200	300,000	69,790	955,146	8,434,763	0
GM MLCG Fairfax Assembly, Kansas City, Wyandotte	0	0	0	281,893	138,141	137,300	869,085	1,426,419	0

### Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (PBT Chemicals)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site* Pounds	Total Production- related Waste Managed Pounds	Total Non- Production- related Waste Managed Pounds
Safety-Kleen Aragonite Inc., Coffeyville, Montgomery	0.00	7,656.00	0.00	0.00	0.00	26,333.00	46,098.00	80,087.00	0.00
U.S. Army Fort Riley Range Facility, Fort Riley, Geary	0.00	0.00	0.00	0.00	0.00	0.00	31,930.00	31,930.00	0.00
Lafarge Midwest Inc. (Incl'd Systech Environmental), Fredonia, Wilson	0.00	0.00	0.00	0.00	0.00	0.00	29,489.00	29,489.00	0.00
Superior Telecommunications Inc., Hoisington, Barton	2,613.00	30,949.00	0.00	0.00	0.00	0.00	17,966.00	51,528.00	0.00
Ash Grove Cement Co., Chanute, Neosho	0.00	1,403.00	2,100.00	19.00	0.00	0.00	15,106.00	18,628.00	0.00
Griffin Wheel Co. Kansas City Plant, Kansas City, Wyandotte	0.00	0.00	0.00	0.00	0.00	0.00	14,587.00	14,587.00	0.00
Heartland Cement Co., Independence, Montgomery	0.00	0.00	0.00	0.00	0.00	0.00	12,788.00	12,788.00	12,801.00
Jeffrey Energy Center, Saint Marys, Pottawatomie	0.00	0.00	0.00	0.00	0.00	0.00	12,145.00	12,145.00	0.00
Holcomb Unit 1, Holcomb, Finney	0.00	0.00	0.00	0.00	0.00	0.00	10,381.00	10,381.00	0.00
Lawrence Energy Center, Lawrence, Douglas	0.00	0.00	0.00	0.00	0.00	0.00	10,312.00	10,312.00	0.00

\* The facility ranking is based on the amounts in this column; these quantities exclude non-production-related releases.